

AMENDMENTS TO THE SPECIFICATION:

Please replace the last full paragraph on page 6 running into page 7 with the following amended paragraph. Specifically, p. 7, l. 1-2 are amended to delete "26" and "28".

A source of pump radiation, e.g. a single-mode or multi-mode laser diode **22**, illuminates fiber **12** at a wavelength, typically 915-990nm, within the absorption band **24** of triply ionized ytterbium which occurs from 800 to 1070 nm as illustrated in figure 2. Pumping of the doped multi-component glass populates the ytterbium upper level creating a population inversion. Spontaneous emission catalyzes the stimulated emission of the ytterbium ions in the upper level over a range of 900nm to 1100 nm. The emission peak occurs at a wavelength of approximately 975 nm.

Please replace the last full paragraph on page 10 running into page 22 with the following amended paragraph. Specifically, the first sentence is amended to reference section "B-B" shown in figure 6a.

As shown in perspective in figure 6a and along section B-B in figure 6b, the single mode lum laser is placed inside a package **50** that provides thermal and vibration isolation. The fiber chain **52** is placed in a mounting fixture **54** having first and second thermally isolated sections **56** and **58** for supporting the narrowband and broadband fiber gratings **14** and **16** respectively. The gain fiber is supported in either the first or second section or in a third isolated section (not shown in this embodiment). Resistive heaters **60** thermistors **61** are mounted on the first and second sections and independently controlled to match the wavelengths of narrowband and broadband gratings.